

NPL Partial Site Deletion Narrative

Harbor Island (Lead) Seattle, Washington

On November 7, 1996, EPA deleted the Lockheed Shipyard portion of the Harbor Island (Lead) site from the National Priorities List (NPL).

The site is located in Seattle (King County) Washington. This partial deletion pertains only to Operable Unit 3 (OU 3). Response activities at OUs 1, 2, 4, and 5 of this site (the Soil and Ground Water OU, the Petroleum Storage Tank OU, the Shipyard Sediment OU, and the Island-wide Sediment OU) are not yet complete and will remain on the NPL.

The remedy selected for OU 3 consisted of (1) excavation and treatment of petroleum hot spot soil by thermal desorption, (2) placing three inches of asphalt over exposed soil contaminated above the cleanup goals in the State of Washington Model Toxics Control Act, (3) consolidating and capping sandblast grit on-site or disposing of the grit off-site, and (4) monitoring ground water quality semiannually to verify that response actions taken will prevent ground water contaminants from reaching the shoreline at concentrations which exceed the marine chronic criteria.

The selected remedy was completed by Lockheed Martin, the potentially responsible party, in September 1995. Confirmation soil sampling conducted after completion of the remedy demonstrated that no significant risk to public health or the environment is posed by residual levels of contamination remaining in the soil. Ground water monitoring conducted to date indicates that ground water contaminants have not reached the shoreline at concentrations exceeding the marine chronic criteria. Semiannual ground water monitoring will be conducted at the Lockheed Shipyard until it is confirmed that ground water contaminants will not exceed the marine chronic criteria at the shoreline in the future. In addition, Five Year Reviews will be conducted by EPA to evaluate trends in ground water contamination until it has been determined that cleanup goals will not be exceeded at the shoreline and that additional ground water monitoring is not necessary.

EPA based its partial deletion of the Lockheed Shipyard facility on the determination by EPA and the State of Washington Department of Ecology that all appropriate actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) were implemented in order to protect health, welfare, and the environment at OU 3.